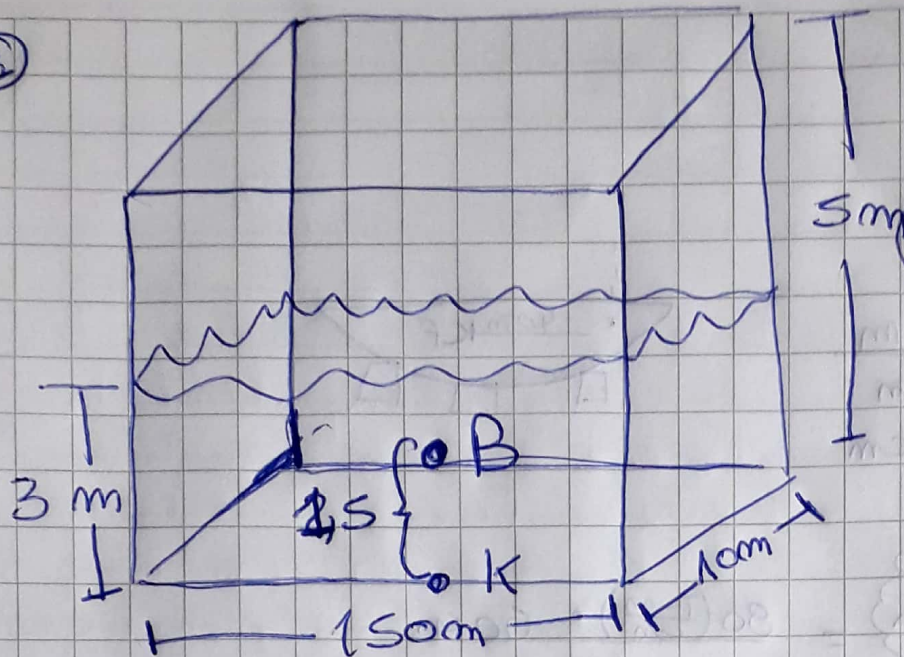


②



Datos:

- Aliento = 1 m
- $\rho = 1,025 \frac{Kg}{m^3}$
- KG = 3,5 m
- KB = 1,5 ($\frac{B}{2}$)

Desarrollo

$$① \quad BM = \frac{B^2}{12d} = \frac{100 \text{ m}}{12 \cdot 3} = \frac{100}{36} = 2,77 \text{ m}$$

$$② \quad KB + BM = KM$$

$$1,5 \text{ m} + 2,77 \text{ m} = 4,2778$$

$$③ \quad GM = KM - KG$$

$$GM = 4,278 - 3,5$$

$$GM = 0,778 \text{ m (Positivo)}$$

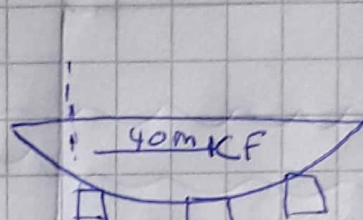
¿Puede entrar a dique? ∞ Si puede //

- a) $GM > 0$ ✓
- b) Abarizado ✓
- c) Aliento positivo ✓

④

Datos

- $\Delta = 3000 \text{ Tm}$
- $KM = 4,5 \text{ m}$
- $MTC_{1cm} = 80 \frac{\text{T-m}}{\text{cm}}$
- $A_{siento} = 50 \text{ cm}$



$$P = \frac{MTC_{1cm}}{l} = \frac{80 \left(\frac{\text{T-m}}{\text{cm}} \right) \cdot 50 \text{ cm}}{40 \text{ m}}$$

$$P = 100 \text{ T}$$

$$GM(\text{mm}) = \frac{100 \text{ T} \cdot 4,5 \text{ m}}{3000 \text{ T}} = 0,15 \text{ m} = 150 \text{ mm}$$

$$GM(\text{mm}) = \frac{P \cdot KM}{W}$$

$$KM = MB + BK$$

$$MB = \frac{m_B \cdot r_B}{m_B + m_C}$$

$$BK = MB - MB$$

$$BK = MB - MB$$

$$(centro) m_B + m_C = MB$$

Shore to Shore = marine shore

$$\sqrt{0 < MB} (A)$$

$$\sqrt{MB} (A)$$

$$\sqrt{MB} (A)$$